

FORM 1449*

INFORMATION DISCLOSURE STATEMENT

Docket Number:

163.1141USC6

Application Number:

10/714,836

IN AN APPLICATION

(Use several sheets if necessary)

Applicant: LENTSCH ET AL.

Filing Date: 11/14/2003

Group Art Unit: 1764

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
LMD	1,580,576	04/13/1926	Weidner			
	1,949,264	02/27/1934	Bagley			
	2,412,819	12/17/1946	MacMahon			
	2,920,417	01/12/1960	Wertheimer			
	2,927,900	03/08/1960	Shiraeff			
	2,987,483	06/06/1961	Brooker			
	3,048,548	08/07/1962	Martin et al.			
	3,052,652	09/04/1962	Halpern et al.			
	3,277,009	10/04/1966	Freifeld et al.			
	3,280,037	10/18/1966	Gordon et al.			
	3,306,858	02/28/1967	Oberle			
	3,334,147	08/01/1967	Brunelle et al.			
	3,351,558	11/07/1967	Zimmerer			
	3,382,178	05/07/1968	Lissant et al.			
	3,390,092	06/25/1968	Keast et al.			
	3,390,093	06/25/1968	Feierstein et al.			
	3,392,121	07/09/1968	Gedge III			
	3,441,511	04/29/1969	Otrhalek et al.			
	3,442,242	05/06/1969	Laskey et al.			
	3,491,028	01/20/1970	Crotty et al.			
	3,534,851	10/20/1970	Peterson et al.			
	3,557,003	01/19/1971	Morris et al.			
	3,639,286	02/01/1972	Ballestra et al.			
	3,695,989	10/03/1972	Albert			
	3,790,482	02/05/1974	Jones et al.			
	3,816,320	06/11/1974	Corliss			
	3,846,346	11/05/1974	Conn			
	3,856,932	12/24/1974	May			

EXAMINER

/Lorna M. Douyon/

DATE CONSIDERED

06/25/2006

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 163.1141USC6	Application Number: 10/714,836
	Applicant: LENTSCH ET AL.	
	Filing Date: 11/14/2003	Group Art Unit: 1764

LMD	3,887,614	06/03/1975	Susuki et al.			
	3,899,436	08/12/1975	Copeland et al.			
	3,933,670	01/20/1976	Brill et al.			
	3,936,386	02/03/1976	Corliss et al.			
	3,941,710	03/02/1976	Gilbert et al.			
	3,961,754	06/08/1976	Kuhns et al.			
	3,985,669	10/12/1976	Krummel et al.			
	4,000,080	12/28/1976	Bartolotia et al.			
	4,046,507	09/06/1977	Zweifel et al.			
	4,072,621	02/07/1978	Rose			
	4,083,795	04/11/1978	Joubert			
	4,105,573	08/08/1978	Jacobsen			
	4,147,650	04/03/1979	Sabatelli et al.			
	4,148,603	04/10/1979	Schwuger et al.			
	4,211,517	07/08/1980	Schmid			
	4,212,761	07/15/1980	Ciaccio			
	4,216,125	08/05/1980	Campbell et al.			
	4,219,436	08/26/1980	Gromer et al.			
	4,238,345	12/09/1980	Guilbert			
	4,243,543	01/06/1981	Guilbert et al.			
	4,261,868	04/14/1981	Hora et al.			
	4,268,406	05/19/1981	O'Brien et al.			
	4,274,975	06/23/1981	Corkill et al.			
	4,276,205	06/30/1981	Ferry			
	4,284,532	08/18/1981	Leikhim et al.			
	4,289,815	09/15/1981	Lee			
	4,329,246	05/11/1982	Gilbert et al.			
	4,348,293	09/07/1982	Clarke et al.			
	4,359,413	11/16/1982	Ward et al.			
	4,416,793	11/22/1983	Barrat et al.			
✓	4,426,362	01/17/1984	Copeland et al.			

EXAMINER	/Lorna M. Douyon/	DATE CONSIDERED	06/25/2006
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.			

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 163.1141USC6	Application Number: 10/714,836
	Applicant: LENTSCH ET AL.	
	Filing Date: 11/14/2003	Group Art Unit: 1764

LMD	4,474,976	10/02/1984	Faltynek			
	4,481,167	11/06/1984	Ginter et al.			
	4,537,706	08/27/1985	Severson, Jr.			
	4,587,031	05/06/1986	Kruse et al.			
	4,594,175	06/10/1986	Copeland			
	4,595,520	06/17/1986	Heile et al.			
	4,605,509	08/12/1986	Corkill et al.			
	4,608,187	08/26/1986	Chang			
	4,608,189	08/26/1986	Koch et al.			
	4,618,914	10/21/1986	Sato et al.			
	4,664,848	05/12/1987	Oh et al.			
	4,677,130	06/30/1987	Puzig			
	4,680,134	07/14/1987	Heile et al.			
	4,687,121	08/18/1987	Copeland			
	4,690,305	09/01/1987	Copeland			
	4,692,494	09/08/1987	Sonenstein			
	4,695,284	09/22/1987	Hight			
	4,698,181	10/06/1987	Lewis			
	4,715,979	12/29/1987	Moore et al.			
	4,725,376	02/16/1988	Copeland			
	4,753,755	06/28/1988	Gansser			
	Re. 32,762	10/11/1988	Katzmann et al.			
	Re. 32,763	10/11/1988	Fernholtz et al.			
	Re. 32,818	01/03/1989	Fernholz et al.			
	4,826,661	05/02/1989	Copeland et al.			
	4,830,773	05/16/1989	Olson			
	4,836,951	06/06/1989	Totten et al.			
	4,845,965	07/11/1989	Copeland et al.			
	4,846,993	07/11/1989	Lentsch et al.			
	4,858,449	08/22/1989	Lehn			
V	4,895,667	01/23/1990	Fox et al.			

EXAMINER	/Lorna M. Douyon/	DATE CONSIDERED	06/25/2006
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.			

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 163.1141USC6	Application Number: 10714,836
	Applicant: LENTSCH ET AL.	
	Filing Date: 11/14/2003	Group Art Unit: 1764

LMD	4,965,012	10/23/1990	Olson			
	4,983,315	01/08/1991	Glogowski et al.			
	5,019,292	05/28/1991	Baeck et al.			
	5,034,147	07/23/1991	Ramachandran			
	5,061,392	10/29/1991	Bruegge et al.			
	5,064,561	11/12/1991	Rouillard			
	5,078,301	01/07/1992	Gladfelter et al.			
	5,080,819	01/14/1992	Morganson et al.			
	5,118,426	06/02/1992	Duncan et al.			
	5,122,538	06/16/1992	Lokkesmoe et al.			
	5,173,207	12/22/1992	Drapier et al.			
	5,198,198	03/30/1993	Gladfelter et al.			
	5,223,179	06/29/1993	Connor et al.			
	5,234,615	08/10/1993	Gladfelter et al.			
	5,234,719	08/10/1993	Richter et al.			
	5,249,737	10/05/1993	Fritz et al.			
	5,254,287	10/19/1993	Deleeuw et al.			
	5,290,496	03/01/1994	Carduck et al.			
	5,292,525	03/08/1994	Brenden et al.			
	5,312,561	05/17/1994	Hoshino et al.			
	5,316,688	05/31/1994	Gladfelter et al.			
	5,328,082	07/12/1994	Fritz et al.			
	5,358,653	10/25/1994	Gladfelter et al.			
	5,382,377	01/17/1995	Rachse et al.			
	5,389,425	02/14/1995	Platt et al.			
	5,407,700	04/18/1995	Man et al.			
	5,419,850	05/30/1995	Backes et al.			
	5,429,766	07/04/1995	Sone et al.			
	5,447,648	09/1995	Steindorf			
	5,451,336	09/19/1995	Schwadtke et al.			
	5,474,698	12/12/1995	Rolando et al.			

EXAMINER	/Lorna M. Douyon/	DATE CONSIDERED	06/25/2006
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.			

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 163.1141USC6	Application Number: 10/714,836
	Applicant: LENTSCH ET AL.	
	Filing Date: 11/14/2003	Group Art Unit: 1764

LMD	5,494,817	02/27/1996	Chen			
	5,516,449	05/14/1996	Agar et al.			
	5,559,089	09/24/1996	Hartman et al.			
	5,578,134	11/26/1996	Lentsch et al.			
	5,589,099	12/31/1996	Baum			
	5,650,017	07/22/1997	Gordon et al.			
	5,665,694	09/09/1997	Backes et al.			
	5,691,292	11/25/1997	Marshall et al.			
	5,763,378	06/09/1998	Painter et al.			
	5,830,839	11/03/1998	Scepanski			
	5,858,117	01/12/1999	Oakes et al.			
	5,858,299	01/12/1999	Fernholz et al.			
	5,861,366	01/19/1999	Ihns et al.			
	5,876,514	03/02/1999	Rolando et al.			
	Des. 406,635	03/09/1999	Russell et al.			
	5,900,395	05/04/1999	Nicholson et al.			
	5,990,068	11/23/1999	Brouwer et al.			
	6,008,174	12/28/1999	Brouwer et al.			
	6,017,864	01/25/2000	Brittain et al.			
	6,060,444	05/09/2000	Schulz et al.			
	6,136,769	10/24/2000	Asano et al.			
	6,150,324	11/21/2000	Lentsch et al.			
	6,156,715	12/05/2000	Lentsch et al.			
	6,177,392 B1	01/23/2001	Lentsch et al.			
	6,258,765 B1	07/10/2001	Wei et al.			
	6,281,180	08/28/2001	Tartakovsky et al.			
	2002/0077264 A1	06/20/2002	Roberts et al.			
	6,436,893 B1	08/20/2002	Lentsch et al.			
	6,489,278 B1	12/03/2002	Lentsch et al.			
	6,503,879 B2	01/07/2003	Lentsch et al.			

EXAMINER	/Lorna M. Douyon/	DATE CONSIDERED	06/25/2006
EXAMINER: Initial If reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.			

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 163.1141USC6	Application Number: 10/714,836
	Applicant: LENTSCH ET AL.	
	Filing Date: 11/14/2003	Group Art Unit: 1764

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
LMD	28 10 999	09/21/1978	DE ✓				
	0 161 596 A2	05/04/1985	EP			X	
	0 363 852 A1	04/18/1990	EP				
	0 364 840 A1	04/25/1990	EP				
	0 364 840 B2	03/20/1996	EP				
	0 501 375 A1	09/02/1992	EP				
	1 158 016 A2	11/28/2001	EP ✓				
	1 158 016 A3	11/28/2001	EP ✓				
	687 075	02/1953	GB				
	1,031,831	06/02/1966	GB ✓				
	1 596 756	08/26/1981	GB				
	2 271 120 A	04/06/1994	GB				
	2,373,235 A	09/18/2002	GB ✓				
	6-187800	05/06/1986	JP			X	
	9-217100	08/19/1997	JP			Abstract	
	WO 92/02611	02/20/1992	PCT				
	WO 92/13061	08/06/1992	PCT				
	WO 92/17382	10/15/1992	PCT ✓				
	WO 93/21299	10/28/1993	PCT				
	WO 95/18215	07/06/1995	PCT				
	WO 96/06910	03/07/1996	PCT				
	WO 96/08555	03/21/1996	PCT				
	WO 96/41859	12/27/1996	PCT				
	WO 97/02753	01/30/1997	PCT				
	WO 97/05226	02/13/1997	PCT				
	WO 97/07190	02/27/1997	PCT				
	WO 98/54285	12/03/1998	PCT				

EXAMINER	/Lorna M. Douyon/	DATE CONSIDERED	06/25/2006
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.			

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 163.1141USC6	Application Number: 10/714,836
	Applicant: LENTSCH ET AL.	
	Filing Date: 11/14/2003	Group Art Unit: 1764

LMD	WO 00/64667	11/02/2000	PCT				
↓	WO 02/32780 A2	04/25/2002	PCT				
	WO 02/32780 A3	04/25/2002	PCT				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
LMD		Translation of German Published, Non-Examined Patent Application DE OS 28 10 999, filed under No. 28 10 999.1 on 03/14/1978, and published on 09/21/1978, claiming the priority of British Patent Application 11470-77; Title: Dishwasher Detergent; Applicant: Unilever N.V.; Representative: Dr. F. Lederer; Inventor: Wolfgang Prox.					
LMD		"Hawley's Condensed Chemical Dictionary", Twelfth Edition, Revised by Richard J. Lewis, Sr., pg. 176 (1993).					



EXAMINER	/Lorna M. Douyon/	DATE CONSIDERED	06/25/2006
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.			